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Claims

1. Granulated gas charges having combustion vapours that are free of nitrogen oxide and are deficient in carbon monoxide, containing

- a) binding agents in a quantity of 5 to 50 % by weight,
- b) oxidizing agents in a quantity of 0 to 90 % by weight, and/or
- c) organic, in particular nitrogen-free, fuels in a quantity of 0 to 75 % by weight.

2. Gas charges according to claim 1, characterized in that the binding agent is selected from cellulose acetate, cellulose acetobutyrate, cellulose triacetate, nitrocellulose and/or polyvinyl butyral.

3. Gas charges according to claim 1, characterized in that the oxidizing agent is selected from perchlorates of alkali and/or alkaline earth metals, zinc peroxide, iron oxides, cerium dioxide, copper oxide, manganese dioxide and/or permanganates.

4. Gas charges according to claim 3, characterized in that the perchlorate is potassium perchlorate.

5. Gas charges according to claim 1, characterized in that the organic fuels comprise terephthalic acid, fumaric acid and/or ascorbic acid.

6. Gas charges according to one of claims 1 to 5, characterized in that the gas charges comprise aggregates, in particular combustion-moderators.

7. Gas charges according to claim 6, characterized in that the aggregates comprise aluminium oxide, zinc

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alkali metal and/or alkaline earth metal
ates, mineral clays, cement, gypsum, alkali metal
and/or alkaline earth metal carbonates, alkali metal
and/or alkaline earth metal oxalates, and also oxalic
acid.

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8. Gas charges according to one of claims 1 to 7,
characterized in that the gas charges comprise coating
additives, in particular graphite, water glass and also
nitrates and/or perchlorates of alkali metals and/or
alkaline earth metals.

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9. Gas charges according to one of claims 1 to 8 in
the form of a ball powder.

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10. Use of the gas charges according to one of claims
1 to 9 for the production of motor-vehicle safety
systems, in particular belt-tighteners or air bags,
industrial cartridges for gas-generation, in particular
for bolt-firing equipment.

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